

In the Claims:

1. (currently amended) A vehicle comprising a control system allowing a user to act remotely on a panel opening actuator mechanism (1) secured to an openable-panel (8) of the vehicle, said control system comprising a means (3) for controlling at least one action of the actuator mechanism, when a motion of the user is remotely sensed by way of ~~a~~ at least one motion sensor (7), along a favored axis of detection of motion of ~~this~~ said at least one motion sensor and ~~characterized in that~~ this ~~wherein~~ said motion of the user corresponds to a predetermined motion, said ~~motor~~ vehicle being a land vehicle.

2. (currently amended) The vehicle as claimed in claim 1, ~~characterized in that~~ this control system comprises wherein said means (3), at the level of the vehicle, for controlling at least one action of the actuator mechanism, on the basis of the signals produced by at least two motion sensors (7A', 7B'), when ~~one and the same~~ a motion of the user detected by way of these sensors along their respective favored axes is manifested as a specified motion along a resultant axis (R') whose orientation is dependent on the achieved combination of said sensors.

3. (currently amended) The vehicle as claimed in claim 2, in which the speed of motion, along a favored axis (F) of the at least one motion sensor (7) or along the resultant axis (R') of the sensors (7A', 7B') of the control system, which speed is determined on the basis of the signals supplied by each sensor, is utilized for the control of the actuator mechanism, in the event of the detection of a said motion.

4. (currently amended) The vehicle as claimed in claim 2, in which the distance traveled, along the favored axis (F) of the at least one motion sensor (7) or along the resultant axis (R') of the sensors (7A', 7B') of the control system, which is determined on the basis of the signal supplied by each sensor, is utilized for the control of the actuator mechanism, in the event of the detection of a said motion.

5. (currently amended) The vehicle as claimed in claim 4, in which the distance traveled such as determined, along the favored axis (F) of the sensor (7) or along the resultant axis (R') of the sensors (7A', 7B') of the control system, on the basis of the signals supplied by each sensor, in the event of the detection of a said motion, is utilized for travel or angular opening control purposes, at the level of the actuator mechanism.

6. (previously amended) The vehicle as claimed in claim 5, in which the orientation of the sensor or sensors on the vehicle is fixed in such a way that the favored axis of each sensor of the control system which is associated with the actuator mechanism of an openable-panel is oriented so as to detect motions occurring in at least one of the directions corresponding respectively to the direction of opening or of closing of the openable-panel.

7. (previously amended) The vehicle as claimed in claim 6, in which the openable-panel actuator mechanism (1) which is controlled is an openable-panel opening and/or closing electromechanical or mechanical assembly.

8. (previously amended) The vehicle as claimed in claim 7, in which the openable-panel control system is associated with a “hands free” access device (4, 5) which controls a mechanism for locking/unlocking (2) at least one lock of an openable-panel of the vehicle.

9. (currently amended) The vehicle as claimed in claim 8, in which the openable-panel control system acts on an actuator mechanism (1) ensuring at least one of opening and closing of an openable-panel (8 or 8’), said control system comprising at least one ~~or more~~ motion sensor (7 or 7A’, 7B’) disposed on the openable-panel or in proximity to the openable-panel on the vehicle.

10. (previously amended) The vehicle as claimed in claim 9, in which the control system comprises one or more motion sensors, of the ultrasound transmitter/receiver type.

11. (currently amended) The vehicle as claimed in claim 9, in which the ~~control system comprises~~ one or more motion sensors, are of the microwave frequency signal transmitter/receiver type.

12. (previously amended) The vehicle as claimed in claim 11, in which the means (3 and 7 or 7A', 7B') for controlling an openable-panel actuator mechanism (2) are designed so as to determine the control action to be effected as a function of the direction of motion as defined on the basis of the signal supplied by the sensor or sensors, preferably on the basis of a predetermined minimum threshold value of motion.

13. (previously amended) The vehicle as claimed in claim 12, in which the direction of the specified motion, required to control the opening or the closing of an openable-panel by an actuator mechanism (2) under the control of the means (3 and 7 or 7A', 7B') which controls this mechanism, is chosen so as to correspond to the direction of motion of opening or of closing of the openable-panel which is requested.

14. (previously amended) A control system for an openable-panel comprising: an openable-panel (8 or 8'), of a land motor vehicle, said control system allowing a user to act remotely on a panel opening actuator mechanism (2) secured to the openable-panel in the vehicle, said control system comprising a means (3 and 7 or 7A', 7B'), mounted on the vehicle, for controlling at least one action of the actuator mechanism, as a function of the displacement of an object, in a delimited control zone adjoining the openable-panel, said displacement being determined on the basis of the signals supplied by at least one motion sensor (7 or 7A', 7B'), of a motion detection signals transmitter/receiver type, which the system comprises and which is intended to be placed on or in proximity to the openable-panel, a radiation pattern of each of the sensors being fixed in such a way as to delimit a control zone in the vicinity of the openable-panel.

15. (previously presented) The system described in claim 14 wherein said object is a hand.

16. (currently amended) A panel-control system comprising:
a panel on a land vehicle,
an actuator communicating with said panel,
a remote sensing system controlling said actuator,
a user control member, said sensing system sensing a relative position of said control member to said sensing system to determine a control input to said actuator,

wherein, when a motion of the user is detected by a motion detector of said sensing system along a favored axis of detection of said motion detector, said motion corresponding to a predetermined motion signaling to said sensing system to cause said actuator to change a position of said panel.

17. (previously presented) The apparatus of claim 16, wherein said control member generates a pre-determined signal so that said remote sensing system senses a location of said pre-determined signal and causes said actuator to change a position of said panel.

18. (cancelled)

19. (previously presented) The apparatus of claim 16 wherein said sensing system senses speed information and distance information regarding said control member relative to said sensing system, said sensing system using said sensed information to control said actuator and change a position of said panel.

20. (previously presented) The apparatus of claim 16 wherein said predetermined control signal is generated without physical actuation of said control member so that there is hands free actuation of said control panel.